

**ABSTRACT****A COMBINATION INCLUDING, AND A METHOD OF ASSEMBLY OF, A MOTOR VEHICLE ALTERNATOR PULLEY, AND A MOTOR VEHICLE ALTERNATOR INCLUDING SUCH A COMBINATION**

- 5 This invention proposes a combination of a drive pulley (30) with the rotor of a rotary electrical machine for a motor vehicle, especially an alternator or alternator-starter, comprising, firstly, a shaft (18) carrying a rotor and a front ball bearing (26), and secondly, a pulley (30) which has a peripheral working zone (92) arranged to cooperate with a drive belt, together with a  
10 central hub (93) which has an axial hole (94) for the rotor shaft (18) to pass through it, characterised in that the pulley (30) has a splined internal portion (95) such that it can be force-fitted on a complementary splined external portion of the rotor shaft (18).

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**[Figure 4]**